NEBRASKA
WEATHER & CROPS

For Week Ending July 11, 1999

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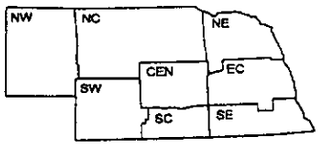
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l Statistics
Cooperative Extension Service
Institute of Agriculture
and Natural Resources--UN-L

WEATHER

Temperatures for the week averaged near normals across the State except in the Valentine area where temperatures averaged four degrees below normal. Precipitation averaged from traces to over a half inch in the Southeast

GENERAL

Hot, dry weather conditions allowed producers to perform some field activities and crop conditions to improve, according the Nebraska Agricultural Statistics Service. With warm temperatures and clear skies, producers were able to harvest a lot of alfalfa. Wheat harvest is well underway in all but Northwest and North Central districts. Yields were better than expected. Those who lost their crops to hail were still trying to determine the extent of loss and possible replanting options. Insect pressure was noted to be at a low and under good control in most areas Weed control measures was the main activity on many farms. Because of excessive soil moisture, nitrogen shortage had become a problem producers had to face Irrigation systems started operating for the first time this season in most areas and farmers encountered complications because of crop growth. Field activities included irrigating, cultivating soybeans, applying herbicide and fertilizer, measuring weed control, insect scouting, harvesting wheat, alfalfa and oats, and marketing of crops.

CROPS

Corn conditions rated 1% very poor, 2% poor, 14% fair, 60% good, and 23% excellent Dryland corn rated 87% and irrigated corn rated 81% in good or excellent conditions. Corn silked was at 3%, rating below last year's 21% and 12% average.

CROPS (Cont.)

European corn borer infestation in some fields were noted to need treatment.

Soybean blooming was 24%, just above last year's 22%, and 19% average. Soybean conditions were rated 1% poor, 17% fair, 67% good, and 15% excellent.

Sorghum headed was at 3%, just above last year and average Sorghum condition rated 1% poor, 21% fair, 67% good, and 11% excellent.

Dry bean blooming was at 3%, just above last year's 2%, but below 8% average Dry bean conditions rated 1% very poor, 1% poor, 25% fair, 72% good and 1% excellent.

Winter wheat conditions were 6% very poor, 5% poor, 21% fair, 50% good, and 18% excellent. Wheat ripe was at 51%, below 67% last year and 57% average. Wheat harvest was at 36%, slightly above last year's 35% and 33% average. Wheat harvest progressed with the good weather conditions.

Oats harvest rated 11%, ahead of 6% last year and 10% average. Oats condition rated 4% poor, 13% fair, 69% good, and 14% excellent

Alfalfa condition rated 1% very poor, 1% poor, 17% fair, 69% good and 12% excellent. Alfalfa second cutting rated 47%, above last year's 32% and 30% average. Leaf hoppers were the main problem in alfalfa. Wild hay conditions were rated at 1% very poor, 2% poor, 9% fair, 70% good, and 18% excellent.

LIVESTOCK, PASTURE & RANGE

Pasture and range condition rated 2% poor, 13% fair, 63% good, and 22% excellent Because of hot temperatures, livestock experienced some stress. Producers were busy using water to keep animals cool. Flies were a problem and control was necessary.

CROP PROGRESS AS OF JULY 11, 1999	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER-AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Wheat Ripe	6	38	97	62	90	89	100	100	51	32	67	57
% Wheat Harvested	0	3	20	15	84	54	81	84	36	1	35	33
% Soybeans Blooming	n/a	6	8	9	26	0	31	40	24	6	22	19
% Corn Silked	0	0	1	0	8	0	1	5	3	0	21	12
% Sorghum Headed	n/a	0	0	0	5	73	0	0	3	n/a	0	0
% Dry Beans Blooming	2	0	0	0	n/a	8	n/a	n/a	3	n/a	2	8
% Alfafa Second Cutting	5	47	31	24	49	69	88	68	47	16	32	30
% Oats Harvested	0	8	5	2	17	21	46	15	11	n/a	6	10
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JULY 9, 1999												
Days suitable	5 7	6 9	5 9	5 7	5 8	5 7	6 5	5 4	6 0	2 4	3 8	
Topsoil moisture - Very Short	0	0	0	0	0	0	0	0	0	0	1	
(Percent) - Short	18	1	9	10	4	10	31	17	11	1	14	
- Adequate	82	99	82	86	87	87	69	82	85	77	72	
- Surplus	0	0	9	4	9	3	0	1	4	22	13	
Subsoil moisture - Very Short	0	0	0	0	0	0	0	0	0	0	2	
(Percent) - Short	18	0	1	1	0	3	7	6	4	2	15	
- Adequate	82	100	95	92	91	97	93	93	93	84	78	
- Surplus	0	0	4	7	0	0	0	1	3	14	5	

n/a = not available

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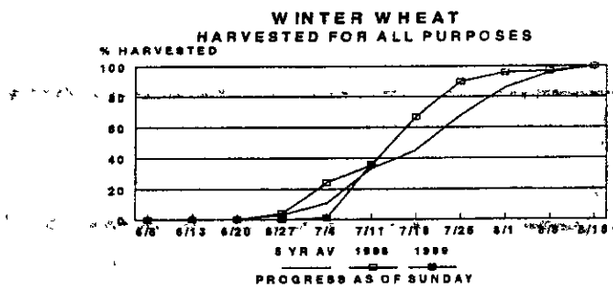
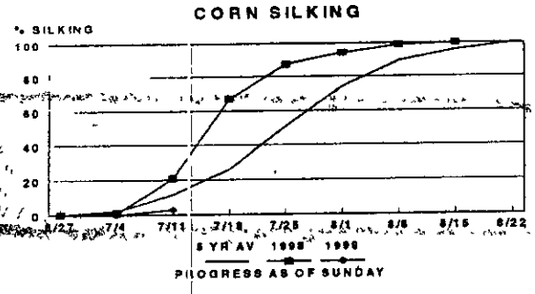
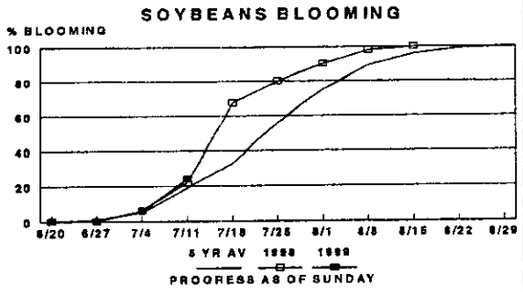
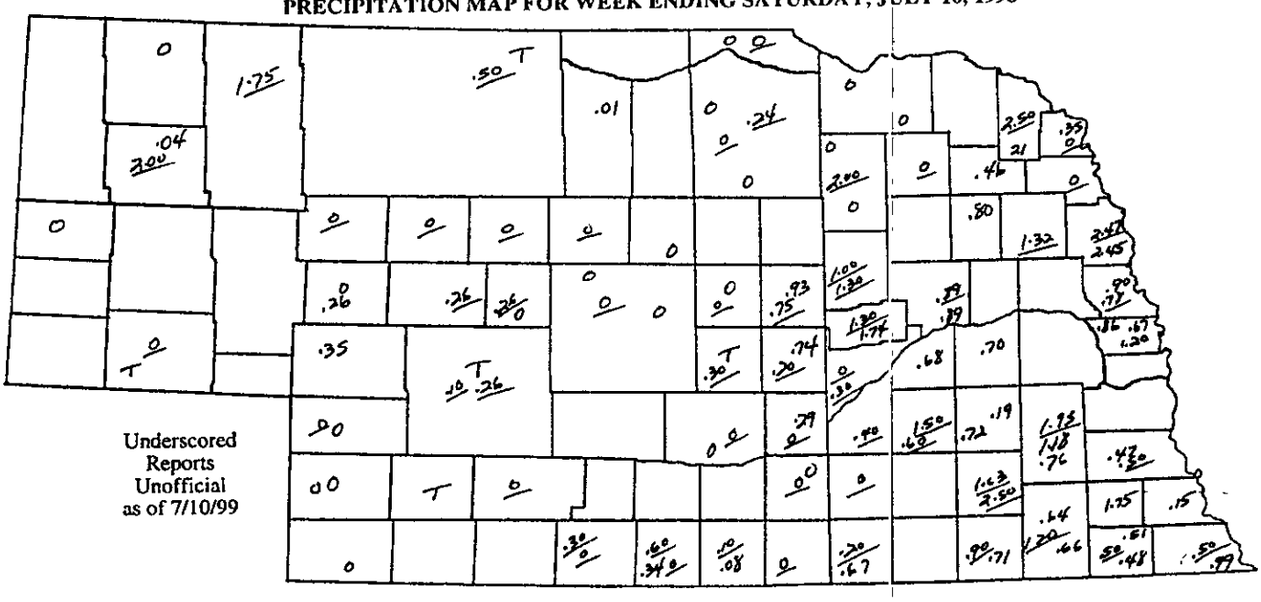






PRECIPITATION MAP FOR WEEK ENDING SATURDAY, JULY 10, 1998



PRECIPITATION, APRIL 1 - JULY 10, 1999

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	01	01	50	25	87	05	14	70
Total since April 1	10 28	12 50	16 15	16 42	18 56	10 64	15.66	16 49
Normal since April 1	8 57	10 03	11 48	11 12	12 20	9 49	10 86	12 12
Total as % of normal	120%	125%	141%	148%	152%	112%	144%	136%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SATURDAY, JULY 10, 1999

	Station	Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches	Last Week	Current	Normal
		Max	Min						
NW	Chadron	101	46	72	---	0	---	---	---
	Scottsbluff	101	50	73	0	0	144	1081	1105
	Sidney	99	48	73	---	T	143	989	1134
NC	Valentine	95	46	70	-4	T	---	---	---
	Arthur	---	---	---	---	--	136	1040	1195
	O'Neill	---	---	---	---	--	149	1106	1289
NE	Norfolk	95	55	75	0	.2	---	---	---
	Sioux City	96	56	76	+1	35	---	---	---
	Concord	---	---	---	---	--	161	1182	1324
	Elgin	---	---	---	---	--	154	1117	1325
	West Point	---	---	---	---	--	162	1208	1407
CEN	Grand Island	97	54	75	-1	29	167	1234	1345
	Ord	94	58	76	---	0	160	1171	1332
	Kearney	---	---	---	---	--	165	1210	1329
EC	Lincoln	96	57	78	0	1 18	180	1337	1481
	Omaha	95	58	77	+1	67	---	---	---
	Central City	---	---	---	---	--	163	1227	1368
	Mead	---	---	---	---	--	174	1291	1460
SW	Imperial	97	50	75	---	0	---	---	---
	North Platte	93	46	73	0	T	N/A	N/A	N/A
	Curtis	---	---	---	---	---	165	1190	1267
SC	Holdrege	---	---	---	---	--	168	1233	1318
	Red Cloud	---	---	---	---	---	184	1424	1362
SE	Beatrice	---	---	---	---	--	170	1284	1482
	Clay Center	---	---	---	---	--	165	1211	1359

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity The formula used to calculate GDD is Max temp + min temp divided by 2 minus 50 = GDD For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day GDD are calculated for each day and accumulated from April 15

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln